

## Flood Crest Occurences by One Foot Intervals: Perkiomen Creek at Graterford

Latitude: 40.229  
Flood Stage: 11

Period of Record: 1915-Present  
Last Flood: 2/25/2016

Longitude: -75.452  
Number of Floods: 83

| Flood Crest-Height<br>above Flood Stage | Total Flood Crest<br>Occurence |
|---|--------------------------------|
| 11 ft to 11.99 ft                       | 26                             |
| 12 ft to 12.99 ft                       | 19                             |
| 13 ft to 13.99 ft                       | 14                             |
| 14 ft to 14.99 ft                       | 13                             |
| 15 ft to 15.99 ft                       | 3                              |
| 16 ft to 16.99 ft                       | 5                              |
| 17 ft to 17.99 ft                       | 1                              |
| 18 ft to 18.99 ft                       | 2                              |
| 19 ft to 19.99 ft                       | 0                              |
| 20 ft to 20.99 ft                       | 0                              |

| Flood Crest-Height<br>above Flood Stage | Total Flood Crest<br>Occurence |
|---|--------------------------------|
| 21 ft to 21.99 ft                       | 0                              |
| 22 ft to 22.99 ft                       | 0                              |
| 23 ft to 23.99 ft                       | 0                              |
| 24 ft to 24.99 ft                       | 0                              |
| 25 ft to 25.99 ft                       | 0                              |
| 26 ft to 26.99 ft                       | 0                              |
| 27 ft to 27.99 ft                       | 0                              |
| 28 ft to 28.99 ft                       | 0                              |
| 29 ft to 29.99 ft                       | 0                              |
| 30 ft to 30.99 ft                       | 0                              |

| Flood Crest-Height<br>above Flood Stage | Total Flood Crest<br>Occurence |
|---|--------------------------------|
| 31 ft to 31.99 ft                       | 0                              |
| 32 ft to 32.99 ft                       | 0                              |
| 33 ft to 33.99 ft                       | 0                              |
| 34 ft to 34.99 ft                       | 0                              |
| 35 ft to 35.99 ft                       | 0                              |
| 36 ft to 36.99 ft                       | 0                              |
| 37 ft to 37.99 ft                       | 0                              |
| 38 ft to 38.99 ft                       | 0                              |
| 39 ft to 39.99 ft                       | 0                              |
| 40 ft to 40.99 ft                       | 0                              |

Drainage Area: 279 sq mi  
Gage Datum: 112.66 ft MSL

Data represents all historical floods.  
Schuylkill Basin

County of Gage: Montgomery  
County of Forecast Point: Montgomery

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| Flood Crest-Height<br>above Flood Stage | Total Flood Crest<br>Occurence | Percent of Flood<br>Crest Occurrence |
|---|--------------------------------|--------------------------------------|
| 11 ft to 11.99 ft                       | 26                             | 31.3                                 |
| 12 ft to 12.99 ft                       | 19                             | 22.9                                 |
| 13 ft to 13.99 ft                       | 14                             | 16.9                                 |
| 14 ft to 14.99 ft                       | 13                             | 15.7                                 |
| 15 ft to 15.99 ft                       | 3                              | 3.6                                  |
| 16 ft to 16.99 ft                       | 5                              | 6                                    |
| 17 ft to 17.99 ft                       | 1                              | 1.2                                  |
| 18 ft to 18.99 ft                       | 2                              | 2.4                                  |
| 19 ft to 19.99 ft                       | 0                              | 0                                    |
| 20 ft to 20.99 ft                       | 0                              | 0                                    |
| 21 ft to 21.99 ft                       | 0                              | 0                                    |
| 22 ft to 22.99 ft                       | 0                              | 0                                    |
| 23 ft to 23.99 ft                       | 0                              | 0                                    |
| 24 ft to 24.99 ft                       | 0                              | 0                                    |
| 25 ft to 25.99 ft                       | 0                              | 0                                    |

| Flood Crest-Height<br>above Flood Stage | Total Flood Crest<br>Occurence | Percent of Flood<br>Crest Occurrence |
|---|--------------------------------|--------------------------------------|
| 26 ft to 26.99 ft                       | 0                              | 0                                    |
| 27 ft to 27.99 ft                       | 0                              | 0                                    |
| 28 ft to 28.99 ft                       | 0                              | 0                                    |
| 29 ft to 29.99 ft                       | 0                              | 0                                    |
| 30 ft to 30.99 ft                       | 0                              | 0                                    |
| 31 ft to 31.99 ft                       | 0                              | 0                                    |
| 32 ft to 32.99 ft                       | 0                              | 0                                    |
| 33 ft to 33.99 ft                       | 0                              | 0                                    |
| 34 ft to 34.99 ft                       | 0                              | 0                                    |
| 35 ft to 35.99 ft                       | 0                              | 0                                    |
| 36 ft to 36.99 ft                       | 0                              | 0                                    |
| 37 ft to 37.99 ft                       | 0                              | 0                                    |
| 38 ft to 38.99 ft                       | 0                              | 0                                    |
| 39 ft to 39.99 ft                       | 0                              | 0                                    |
| 40 ft to 40.99 ft                       | 0                              | 0                                    |

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| Flood Crest-Height<br>above Flood Stage | Cumulative Total<br>Flood Occurence | Cumulative Percent<br>of Flood Occurence |
|---|-------------------------------------|--|
| 11 ft to 11.99 ft                       | 83                                  | 100                                      |
| 12 ft to 12.99 ft                       | 57                                  | 68.7                                     |
| 13 ft to 13.99 ft                       | 38                                  | 45.8                                     |
| 14 ft to 14.99 ft                       | 24                                  | 28.9                                     |
| 15 ft to 15.99 ft                       | 11                                  | 13.2                                     |
| 16 ft to 16.99 ft                       | 8                                   | 9.6                                      |
| 17 ft to 17.99 ft                       | 3                                   | 3.6                                      |
| 18 ft to 18.99 ft                       | 2                                   | 2.4                                      |
| 19 ft to 19.99 ft                       | 0                                   | 0  |
| 20 ft to 20.99 ft                       | 0                                   | 0  |
| 21 ft to 21.99 ft                       | 0                                   | 0  |
| 22 ft to 22.99 ft                       | 0                                   | 0  |
| 23 ft to 23.99 ft                       | 0                                   | 0  |
| 24 ft to 24.99 ft                       | 0                                   | 0  |
| 25 ft to 25.99 ft                       | 0                                   | 0  |

| Flood Crest-Height<br>above Flood Stage | CumulativeTotal<br>Flood Occurence | Cumulative Percent<br>of Flood Occurence |
|---|------------------------------------|--|
| 26 ft to 26.99 ft                       | 0                                  | 0  |
| 27 ft to 27.99 ft                       | 0                                  | 0  |
| 28 ft to 28.99 ft                       | 0                                  | 0  |
| 29 ft to 29.99 ft                       | 0                                  | 0  |
| 30 ft to 30.99 ft                       | 0                                  | 0  |
| 31 ft to 31.99 ft                       | 0                                  | 0  |
| 32 ft to 32.99 ft                       | 0                                  | 0  |
| 33 ft to 33.99 ft                       | 0                                  | 0  |
| 34 ft to 34.99 ft                       | 0                                  | 0  |
| 35 ft to 35.99 ft                       | 0                                  | 0  |
| 36 ft to 36.99 ft                       | 0                                  | 0  |
| 37 ft to 37.99 ft                       | 0                                  | 0  |
| 38 ft to 38.99 ft                       | 0                                  | 0  |
| 39 ft to 39.99 ft                       | 0                                  | 0  |
| 40 ft to 40.99 ft                       | 0                                  | 0  |

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